

Abstract

A semiconductor laser according to the invention, in particular a single-mode laser, contains at least one absorbing layer (8) in its laser resonator, said absorbing layer reducing the transmission T_{Res} of the laser radiation (10) in the laser resonator for the purpose of decreasing the sensitivity of the semiconductor laser to disturbances created by radiation (9) fed back into the laser resonator. This reduces fluctuations in the output power due to fed-back radiation (9).

Figure 1